

**Four Corners Air Quality Task Force
Oil and Gas Work Group Conference Call**
September 6, 2006
2:00 p.m.

Participants

Cindy Allen, CDPHE-APCD; Andy Berger, NMED-AQB; Christie Gordon, USFS; Walt Brown, USFS/BLM; Dale Wirth, BLM; Lisa Sumi, OGAP; Mike Brand, Cummins; Carl Daly, EPA Region 8; Fran Brown, AKA Energy Group; Lee Alter, Western Governors' Association; Vickie Sanchez, Devon Energy; Mike Lazaro, Argonne National Labs; Lany Weaver, NMED-AQB; Bill Hochheiser, USDOE, Kellie Skelton, Energen.

Agenda Items/Issues

1. POG's recommendations to KSU on the engine study

At 4CAQTF 8/9/06 meeting in Cortez, Kirby Chapman gave presentation on a future engine emissions controls testing project. As a result, the POG sent a letter to KSU with the following recommendations:

- (a) Test suitable numbers of engines, so results are statistically significant.
- (b) Test pairs of identical engines while at different elevations during 12-month testing period.
- (c) Test engines in the 10-60 hp range, including at least one 15 hp engine and at least one 40 hp engine.

See the Oil and Gas Work Group page on the 4CAQTF website for a copy of Kirby Chapman's presentation.

Action: Cindy will get the POG letter to Mark Jones for posting on the website.

Question: Is the KSU study considered an interim recommendation?

Discussion: The KSU study is independent of the Task Force, but the results will feed into what the Task Force is doing. The study is a DOE funded project and BP is also providing funding.

2. Progress on drafting mitigation options for E&P

Cindy Allen reviewed what was done at the Oil and Gas Work Group breakout session in Cortez, including brainstorming potential mitigation options and breaking into four drafting teams.

Wells

Drafting Team had conference call and is in the process of drafted options.

- Green completions - Carl Daly
- Venting vs. Flaring - Lisa Sumi
- Different flaring methods – Lisa Sumi
- Plunger lifts/plunger optimization – Dave Brown

Tanks

This group has not had a chance to have a call but they have assigned options and are developing drafts as follows:

- BMP, VRU, Gas blankets - Bruce Gantner
- Floating roof tanks, mufflers, centralized collection - Kellie Skelton

The group will re-convene after 9/11/06.

Bruce and Kellie will submit mitigation option drafts to Cindy Allen the week 9/11/06.

Dehys/Separators/Heaters

This group has assigned the brainstormed options as follows:

- Control glycol pump rates –
- Low/Ultra-Low NOx burners - Brit Benko
- "Quantum Leap" Dehy Units (Zero Emission Dehys???) – Lisa Sumi
- Insulated Vessels – Bruce Gantner
- Combustors for still vents – Dave Brown
- VRU – Dave Brown
- Desiccant Dehy (and Portable DD) – Lisa Sumi
- Centralized Dehydration – Not being written up, this is a common practice in the area

Pneumatics/Controllers/Fugitives

Drafting Team has not met. Cindy Allen solicited volunteers to draft other options under Pneumatics/Controllers/Fugitives. **Kellie Skelton volunteered herself and Bruce Gantner to draft two of these options.**

- Air actuated pneumatics
- Low-bleed pneumatics – Bill Hocheiser
- BMP -- infrared detection of leaks
- Electrification of starters and valves
- Directed inspection and maintenance program
- Electric chemical pumps

Action: Cindy Allen will contact Reid Smith to draft the remaining options.

Carl Daly recommended the EPA Natural Gas STAR website's technical information as a good information base for drafting mitigation options.

Christie Gordon stated she is interested in the effort but since she has not been participating recently, she is reluctant to volunteer to do work on her own. She and Cindy will speak on Thursday, 9/7/06.

Schedule:

The original deadline for drafting mitigation option papers and submitting comments on the Engine mitigation option papers was 9/8/06.

Based on input from call participants, Cindy expects to receive 5-8 mitigation options by 9/8/06.

Due to difficulty scheduling conference calls, and busy schedules, the Work Group decided more time was needed to complete the drafts for this section. The Work Group is aware that only those mitigation option papers and comments that are submitted by 9/8/06 will be posted in the 9/22/06 posting.

The Oil and Gas Work Group would like internal review prior to posting draft mitigation options on the 4CAQTF website

New deadline for the remaining mitigation option drafts is 9/22/06. These drafts will be posted on the website on 11/1/06 with the scheduled posting.

3. Tagged mitigation options (for Cumulative Effects and Monitoring Work Group) Update

Cindy Allen asked callers if anyone has reviewed the Cumulative Effects Work Group workplan that is available on the website.

Carl Daly summarized the workplan's three tasks:

Task 1 – Emissions inventory data to be extracted from Western Regional Air Partnership's databases and supplemented with inventory from Southern Ute Indian Tribe. Cumulative Effects Work Group would then have inventory for 2002 and/or 2018. Cumulative Effects Work Group expects that then source work groups will be able to use inventory to quantify benefits from draft mitigation options. This task will most directly relate to the work of the Oil and Gas Work Group.

Task 2 – Modeling

Task 3 – Prepare "gold standard" report.

From first round for drafting mitigation option papers (about engines), the Oil and Gas Work Group had approximately 12 mitigation options for review by the Cumulative Effects Work Group. Cumulative Effects Work Group hopes to complete work on that round of options by the 4CAQTF 11/8/06 meeting in Farmington.

Adjourn

Call adjourned at approximately 3:00 p.m.